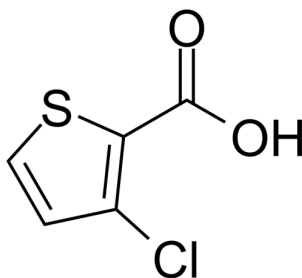


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	3-Chlorothiophene-2-carboxylic acid
<b>Cat. No.:</b>	1114502
<b>CAS No.:</b>	59337-89-2
<b>Molecular Formula:</b>	C <sub>5</sub> H <sub>3</sub> ClO <sub>2</sub> S
<b>Molecular Weight:</b>	162.59
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lc1223109
<b>Storage:</b>	2-8°C, protect from light
<b>Mfg. Date:</b>	2019-12-24
<b>Retest Date:</b>	2022-12-23
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	98.93%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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